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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2009; month=3; day=27; hr=7; min=50; sec=31; ms=660;]

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Reviewer Comments:

1.

W213	Artificial or Unknown found in <213> in SEQ ID (2)
W213	Artificial or Unknown found in <213> in SEQ ID (3)
W213	Artificial or Unknown found in <213> in SEQ ID (4)
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For SEQ ID # 2 through 16, 25 through 28 , and 32, « peptide sequence » is an insufficient response for numeric identifier <223>. Please explain the source of the genetic material. If the sequence is put together from several organisms, please list those organisms. If the sequence is made in the laboratory, please indicate that the sequence is synthesized. This error may appear in other sequences in the sequence listing Please make all necessary changes.

2.

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<210>  17
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        from 1 to 20
.
.
.
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<222>  (33)..(33)
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        formula (Xaa)n, where Xaa is any amino acid and n is an integer
        from 1 to 20

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A "Xaa" amino acid designator can only represent a single amino acid. "Xaa" may not represent a string of 1 to 20 amino acids as stated in SEQ ID # 17 for amino acid positions 1 and 33. This error occurs in SEQ ID # 18, 19, and 21 as well. Please make all necessary changes.

3.

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W213      Artificial or Unknown found in <213> in SEQ ID (20) This
error has occurred more than 20 times, will not be displayed
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The warnings and errors shown above are ok and require no response.

Application No: 10551619

Version No: 2.0

Input Set:

Output Set:

Started: 2009-03-06 20:29:00.976

Finished: 2009-03-06 20:29:05.169

Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 193 ms

Total Warnings: 33

Total Errors: 58

No. of SeqIDs Defined: 33

Actual SeqID Count: 33

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W 213	Artificial or Unknown found in <213> in SEQ ID (3)
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W 213	Artificial or Unknown found in <213> in SEQ ID (5)
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Input Set:

Output Set:

Started: 2009-03-06 20:29:00.976
Finished: 2009-03-06 20:29:05.169
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 193 ms
Total Warnings: 33
Total Errors: 58
No. of SeqIDs Defined: 33
Actual SeqID Count: 33

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SEQUENCE LISTING

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Martin, Paul Taylor

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<141> 2006-12-22

<150> US 60/461,168

<151> 2003-04-07

<150> PCT/US04/10939

<151> 2004-04-07

<160> 33

<170> PatentIn version 3.3

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 from 1 to 20

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from 1 to 20

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1          5          10          15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20          25          30

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from 1 to 20

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      from 1 to 20

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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      from 1 to 20

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
20 25 30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa
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Tyr Ser Thr Thr Ser Trp Tyr Tyr Trp
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Gly Leu Met Val Gly Gly Val Val
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gtcggggaag acggaggcgt gcggcccgcc gtattagtct agagc 105

<210> 31

<211> 105

<212> DNA

<213> Artificial sequence

<220>

<223> Nucleotide cloning sequence

<400> 31

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cgccaccgac cccctctccc ccaatcgcat ttgcaggtta ccccg 105

<210> 32

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> peptide sequence

<400> 32

Cys Gly Pro Pro Tyr

1 5

<210> 33

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Consensus peptide sequence

<220>

<221> X

<222> (1)..(1)

<223> X = W or F

<220>

<221> X

<222> (2)..(6)

<223> X = any positively charged amino acid

<220>

<221> X

<222> (7)..(7)

<223> X = W or F

<220>

<221> X

<222> (8)..(10)

<223> X = any amino acid

<220>

<221> X

<222> (11)..(11)

<223> X = W or F

<400> 33

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa

1

5

10